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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

affect to respond to a collection of information driffess it displays a valid Oivis col						
Attorney Docket No.		28682/38519				
First II	nventor	Kazunobu Maruo				
Title	OLIGOMER-MODIFIED LAYERED INORGAL COMPOUNDS AND THEIR USE IN NANOCOMPOSITES					
Express Mail Label No.		EV 340912471 US				

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					A	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					. 0			
1 X Fee Transmittal Form (e.g., PTO/SB/17)							T CD BOX				large table or	듄		
1.	X	(Submit a	n oniginal, an	im (e.g., r id a duplicati	e for fee processing)		7.				am <i>(Apper</i>		large table of	တ်
2.			t claims sn CFR 1.27.	nall entity s	tatus.		8.		cleotide ar applicable,			equ	ence Submission	j
3.	х	Specifica	ation		(Total Pages	46		a.	Comp	uter Rea	dable For	m (C	RF)	×
3. X Specification [Total Pages 46]  (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets ]  5. Oath or Declaration [Total Sheets ]  - Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELÉTION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application,  see 37 CFR 1.63(d)(2) and 1.33(b).					9. 10. 11. 12. 13. 14. 15. 16.	b. c. [	i. Stater  ACCO Assignm 37 CFR (when th English Informat Stateme Prelimin Return F (Should Certified (if foreign Nonpubl	CD-RO ments ve DMPAN ment Pap 3.73(b) sere is an Translati ion Discl int (IDS) ary Ame Receipt F be speci Copy of priority is ication F	erifying idea  IYING AI  ers (cover  Statement  n assignee  ion Docum  losure  /PTO-1448  indment  Postcard (I  ifically iten  f claimed)  Request ur	PPL sheet (2)	copies); or ii. Paper of above copies  ICATION PARTS  et & document(s))  Power of Attorney  (if. applicable)  Copies of IDS Citations  P 503)	16834		
6. X Application Data Sheet. See 37 CFR 1.76														
18. If a CONTINUING APPLICATION, check appropriate box, and supply specification following the title, or in an Application Data Sheet under 37 (Continuation Divisional Continuation-in-part (Continuation information: Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure under Box 5b, is considered a part of the disclosure of the accompanying reference. The incorporation can only be relied upon when a portion has						37 CFF (CIP) sure of	of p	orior application or div	ation No <i>Art Uni</i> ation, fro isional a	it:	ın oa	oth or declaration is supplied is hereby incorporated by	-	
L_					19. (	CORRESP	OND	ENC	ADDRE	SS				
X Customer Number: 04743							OR		Соггезр	onde	ence address below	_		
MARSHALL, GERSTEIN & BORUN LLP Richard H. Anderson														
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City Chicago State			IL				Zip Cod	е	60606-6357					
Country US Telephone			(3	12) 4	174-630	00	F	ax	(312) 474-0448					
Name (Print/Type) Richard H. Anderson						Reg	istration N	o. (Attor	ney/Agent	)	26,526	7		
Signature Pichard N. andersa									Date	D	ecember 22, 2003			

I hereby certify that this correspondence is being dep in an envelope addressed to: MS Patent Application date shown below.	osited with the U.S. Postal Service as Express Mail, Airbill No. EV 340912471 US, Commissioner for Paterits, P.O. Box 1450, Alexandria, VA 22313-1450, on the
Dated: December 22, 2003	Signature: (Richard Zimmermann)

PTO/SB/17 (10-03)

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## **FEE TRANSMITTAL** for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known					
Application Number	Not Yet Assigned				
Filing Date	Herewith				
First Named Inventor	Kazunobu Maruo				
Examiner Name	Not Yet Assigned				
Art Unit	Not Yet Assigned				
Attorney Docket No.	28682/38519				

METHOD OF PAYMENT (check all that apply)   Substitution   Substi	TOTAL AMOUNT OF PAYMENT (\$) 1,388.00							Attom	ey Do	ket No	).	28682/38519	
Deposit Account:	METHOD OF PAYMENT (check all that apply)									FEE	CALCU	JLATION (continued)	
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1. BASIC FILING FEE	Charge	fee(s) indi	icated	below, except for	the filing fo	ee	1804	920*	1804		Examiner	action	
1. BASIC FILING FEE   Large Entity   Small Entity	to the above-	-identified	d depo	sit account.			1805	1,840*	1805	1,840*	Examiner	ng publication of SIR after raction	
Large Entity   Small Entity   Fee		F	EE	CALCULATIO	N		1251	110	2251	55	Extension	n for reply within first month	
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1002   340   2002   170   Design filing fee   1401   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1405   1405   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1453   1,330   2452   150   2452   55   Petition to revive – unavoidable   1502   1453   1,330   2453   665   Petition to revive – unavoidable   1545   1,330   2452   150   2452   150   2452   150   2452   150   2452   240   Design issue fee   1502   480   2502   240   Design issue fee   1503   640   2503   320   Plant issue fee   1503   640   2503   320   Plant issue fee   1503   640   2503   320   Plant issue fee   1503   640   2503   320   Processing fee under 37 CFR 1.17(q)   1450   130   1460   130   Petitions to the Commissioner   1504   1806   1806   180   1806   180   1806   180   1806   180   1806   180   1806   180   1806				Fee Descr	iption	Fee Paid	1254	1,480	2254	740	Extension	n for reply within fourth month	
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1004   770   2004   385   Reissue filing fee   1403   290   2403   145   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,330   2453   665   Petition to revive – unavoidable   1453   1,351   1451   1,510   Petition to revive – unavoidable   1453   1,351   Petition to revive – unavoidable   1453   1454   145	1002 340	2002	170	Design filin	g fee		1401	330	2401	165	Notice of	Appeal	
SUBTOTAL (1) (\$) 770.00   1451 1,510   2452 55   Petition to revive – unavoidable   1453 1,330   2453 665   Petition to revive – unintentional   1451 1,510   145	1003 530	2003	265	Plant filing	fee		1402	330	2402	165	Filing a bi	rief in support of an appeal	
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   Extra   Fee from   Ecalims   Fee   Fee   Fee   Fee   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code	1005 160	2005	80	Provisional	filing fee		1451	1,510		1,510	Petition to	o institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from below Fee Paid below Total Claims 40 -20** = 20 x 18.00 = 360.00   Independent 6 -3** = 3 x 86.00 = 258.00   Independent Claims			SUB'	TOTAL (1)	(\$)	770 00	1452	110	2452	55	Petition to	o revive – unavoidable	
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Claims  Multiple Dependent  Large Entity  Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1204 86 2204 43 **Reissue independent claims over original patent over original patent  1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$)  Small Entity  1806 180 1806 180 Submission of Information Disclosure Stmt  Recording each patent assignment per property (times number of properties)  Recording each patent assignment per property (times number of properties)  Filing a submission after final rejection (37 CFR 1.129(a))  For each additional invention to be examined (37CFR 1.129(b))  Request for Continued Examination (RCE)  Request for expedited examination of a design application  **or number previously paid, if greater; For Reissues, see above	Total Claims	40	-20**	= 20 x 1	18.00 =	360,00	1503	640	2503	320	Plant issu	ue fee	
Multiple Dependent = 1807 50 1807 50 Processing fee under 37 CFR 1.17(q)  Large Entity Small Entity  Fee Fee Fee Code (\$) Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims in over original patent over original patent  1205 18 2205 9 Reissue claims in excess of 20 1206 180 1806 180 Submission of Information Disclosure Strmt  Recording each patent assignment per property (times number of properties) Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1802 900 1802 900 Request for Continued Examination of a design application  1804 1806 180 Submission of Information Disclosure Strmt  Recording each patent assignment per property (times number of properties)  Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1802 900 1802 900 Request for Continued Examination of a design application  1802 900 1802 900 Request for expedited examination of a design application  1808 1807 1807 1807 1807 1807 1807 1807		6	-3**	= 3 x 8	36.00 =	258.00	1460	130	1460	130	Petitions	to the Commissioner	
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	**or number								0.00				
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SUBMITTED BY				(Complete	(if applicable))
Name (Print/Type)	Richard H. Anderson	Registration No. (Attorney/Agent)	26,526	Telephone	(312) 474-9556
Signature	Girhard N. anderson			Date	December 22, 2003

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date shown below.			
Dated: December 22, 2003	Signature: Man	fr.	_ (Richard Zimmermann)

Application No. (i	if known):	Attorney Docket No.: 28682/38519
Cer	rtificate of Express Mailing <b>L</b>	Jnder 37 CFR 1.10
l hereb Expres	by certify that this correspondence is being deposited ss Mail, Airbill No. EV 340912471 US in an envelope a	with the United States Postal Service as addressed to:
	Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
on	December 22, 2003  Date	
_	Land a Signature	·
	Richard Zimmermann	
	Typed or printed name of person signing	g Certificate
Note:	Each paper must have its own certificate of mailing each submitted paper.	g, or this certificate must identify
	Application Data Sheet	`

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